

SEP 15 1995

AWC Volume SE SC SW W AR IN USGS Quad VALDEZ B-1 REGION II
 HABITAT AND RESTORATION DIVISION

Anadromous Water Catalog Number of Waterway 212-20-10080-2300-3041-4021

Name of Waterway STRELNA CK. USGS name X Local name _____

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>96 011</u>	<u>[Signature]</u>	<u>2/16/96</u>
Revision Year: <u>96</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Dean W. Hughes</u>	<u>2/13/96</u>
Both <u>X</u>	<u>Z. Inoue</u>	<u>3/27/96</u>
Revision Code: <u>A-2d</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>COHO</u>	<u>8/2/95</u>		<u>✓</u>		

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: DURING AN ADF&G, HABITAT & RESTORATION DIV. FISH HABITAT SURVEY OF THE EASTERN DRAINAGES OF THE MIDDLE COPPER R. MARKINK #1 COLLECTED FOUR COHO SALMON AT THE IDENTIFIED LOCATION. COHO SPAWNING IN STRELNA CK. IS LIKELY. SEE ATTACHED FIELD DATA FORM FOR ADDITIONAL INFORMATION.

Name of Observer (please print) MICHAEL WISDOMER
 Date: 8/31/95 Signature: [Signature]
 Address: ADF&G HABITAT & RESTORATION DIV. REGION II ANCHORAGE

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Dean W. Hughes 2/14/96 Rev. 7/93

ADD Stream Diamond (Steelinc Co)
12-20-10080-2300-3041-4021
for COR

ALASKA
63 360 SERIES (TOPOGRAPHIC)

IMC CA

IVALDEZ C-11 10

STRELNA 1.2 MI

144°00'
61°30'



MC CARTHY 40 MI

IMC CARTHY B-81

STATION NO: A-1 DATE: 8/2/95 TIME: 1200

OBSERVERS: MJMF TEAM: A B STREAM NO: _____

GPS COORDINATES: Lat. 61° 29' 02" N Long. 144° 04' 10" W

WEATHER: CLEAR STREAM STAGE: HIGH PRECIP: _____

WEATHER: CLOUDY STREAM STAGE: LOW PRECIP: _____

WEATHER: PRT. CLDY. STREAM STAGE: MEDIUM PRECIP: _____

WEATHER: CLEAR STREAM STAGE: LOW PRECIP: _____

TEMP: AIR _____ WATER 43.0 STREAM GRADIENT: _____ %

WATER CLARITY: _____ SUBSTRATE COMPOSITION (%): _____

CLEAR _____ MUD _____ STREAM DIMENSIONS (ft): _____

STAINED _____ SAND _____ DEPTH, LEFT BANK _____

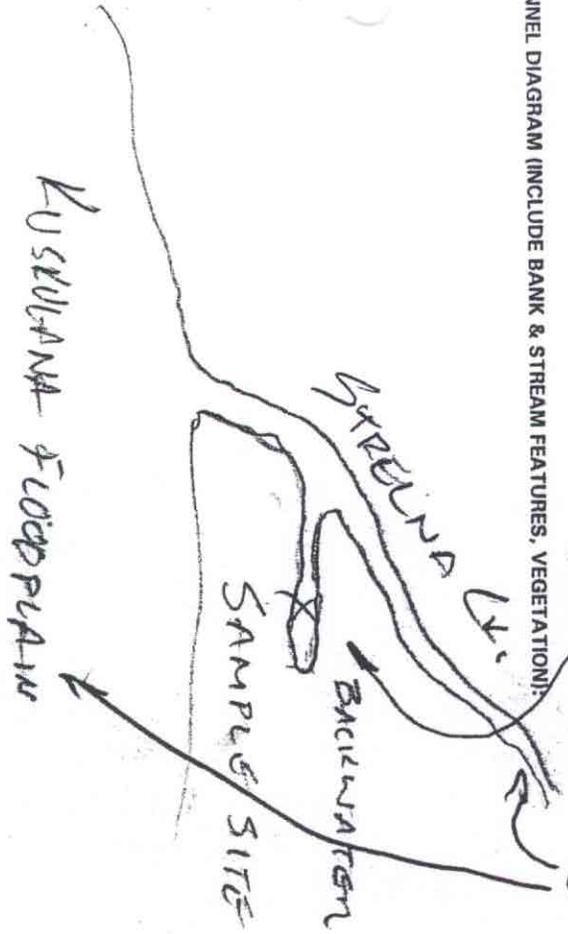
TURBID _____ GRAVEL _____ DEPTH, RIGHT BANK _____

MURKY _____ COBBLE _____ DEPTH, MID-CHANNEL _____

MURKY _____ BLDR/B-ROCK _____ VELOCITY: _____

MURKY _____ VELOCITY: _____

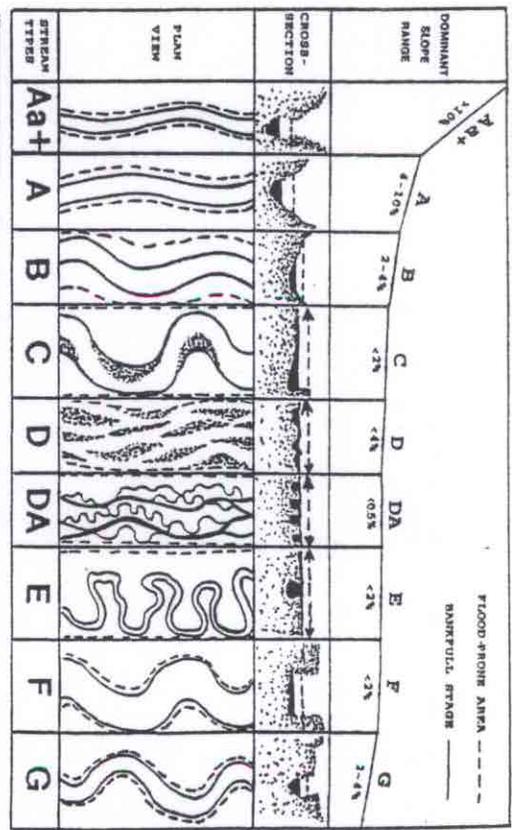
CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):



ROLL NO. I, II FRAME NOS. 1-3

Roll I, frames 28, 29 Roll II frames

CIRCLE DOMINANT CHANNEL TYPE:



Channel Type	1	2	3	4	5	6
ENTRHL	<1.4	1.4-2.2	>2.2	N/A	>2.2	>2.2
SIN.	<12	>12	>14	<11	1.1-1.6	>1.4
W/D	<12	>12	>12	>40	<40	>12
SLOPE	.04-.099	.02-.039	<.02	<.02	<.005	<.02

FISH SAMPLING GEAR: EF TIME: 8:5 AREA: 1041' EFFIC: 96%

CONDUCTIVITY: 65 μ mhos SET @ 500 K 13

CO	K	S	P	CH	DV
4	2	5	3	M	M

WILDLIFE OBSERVATIONS:

SEP 15 1995

AWC Volume SE SC SW W AR IN USGS Quad VALDEZ B-1 REGION II
 HABITAT AND RESTORATION DIVISION

Anadromous Water Catalog Number of Waterway 212-20-10080-2300-3041

Name of Waterway KUSKULANA RIVER
STRELNA CK. USGS name X Local name _____

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>96 011</u>	<u>J. O'Connell</u>	<u>2/16/96</u>
Revision Year: <u>96</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Dean W. Hughes</u>	<u>2/13/96</u>
Both <u>X</u>	<u>J. Inoue</u>	<u>3/27/96</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>COHO</u>	<u>8/2/95</u>		<u>✓</u>		

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: DURING AN ADF&G, HABITAT & RESTORATION DIV.
FISH HABITAT SURVEY OF THE EASTERN DRAINAGES OF THE
MIDDLE COPPER R. MARKTINK & I COLLECTED FOUR
COHO SALMON AT THE IDENTIFIED LOCATION. COHO
SPAWNING IN STRELNA CK. IS LIKELY. SEE ATTACHED
FIELD DATA FORM FOR ADDITIONAL INFORMATION.

Name of Observer (please print) MICHAEL W. HUGHES
 Date: 8/31/95 Signature: MICHAEL W. HUGHES
 Address: ADF&G HABITAT & RESTORATION DIV.
REGION II ANCHORAGE

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Dean W. Hughes 2/14/96 Rev. 7/93

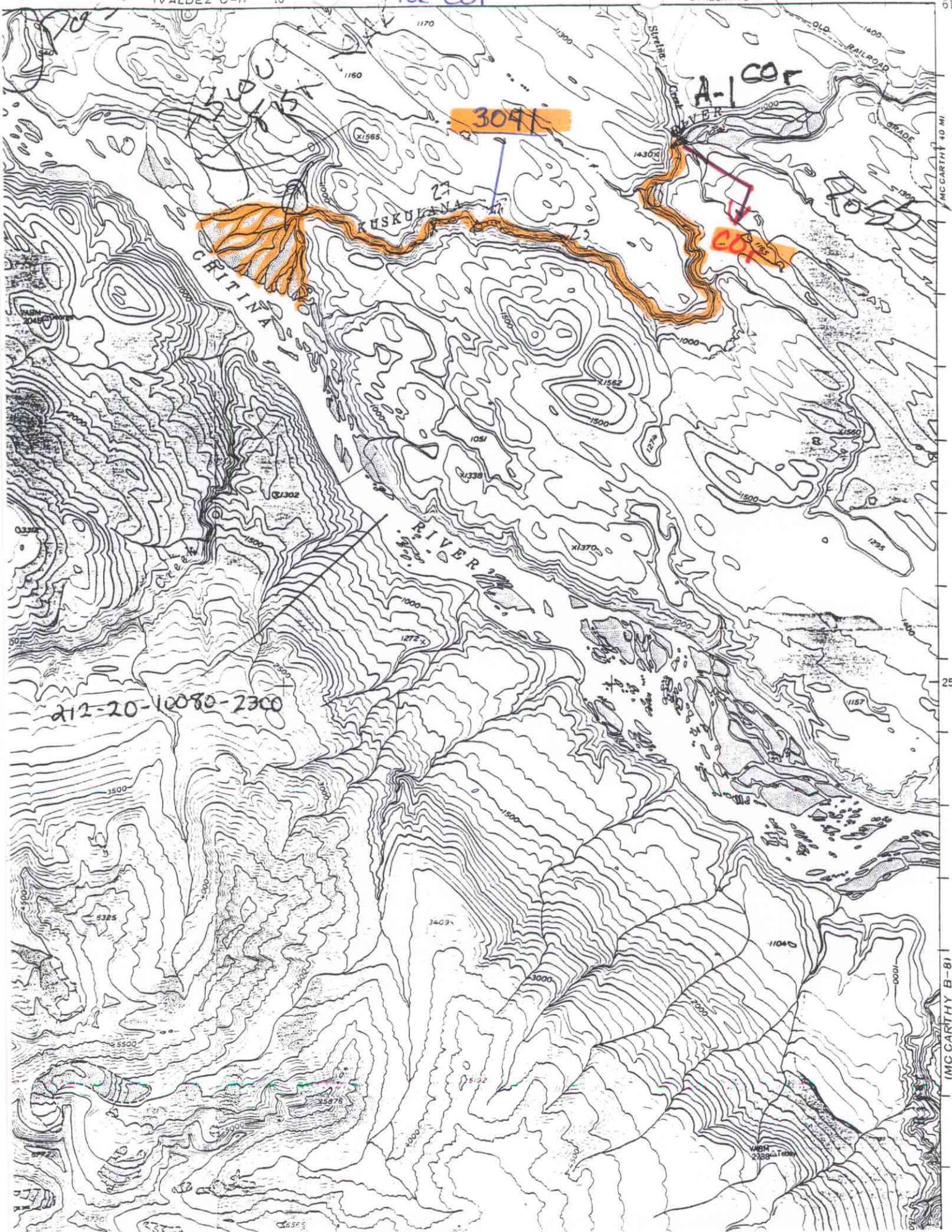
ADD STREAM 212-20-10080-2300 - 3091
for COF

ALASKA
SERIES (TOPOGRAPHIC)

IVALDEZ C-11 10

STRELNA 12 MI

144°00' 61'30"



212-20-10080-2300

3091

A-1 COF

COF

MC CARTHY 40 MI

25'

MC CARTHY B-81

TATION NO: A-1 DATE: 8/2/95 TIME: 1200

OBSERVERS: MUMF TEAM: A B STREAM NO: _____

GPS COORDINATES: Lat. 61° 29.02 Long. 144° 04.102

WEATHER: CLEAR
 WEATHER: PR. CLDY.
 WEATHER: CLOUDY

STREAM STAGE: HIGH
 PRECIP: _____
 TODAY _____
 YESTERDAY _____
 THIS WEEK _____

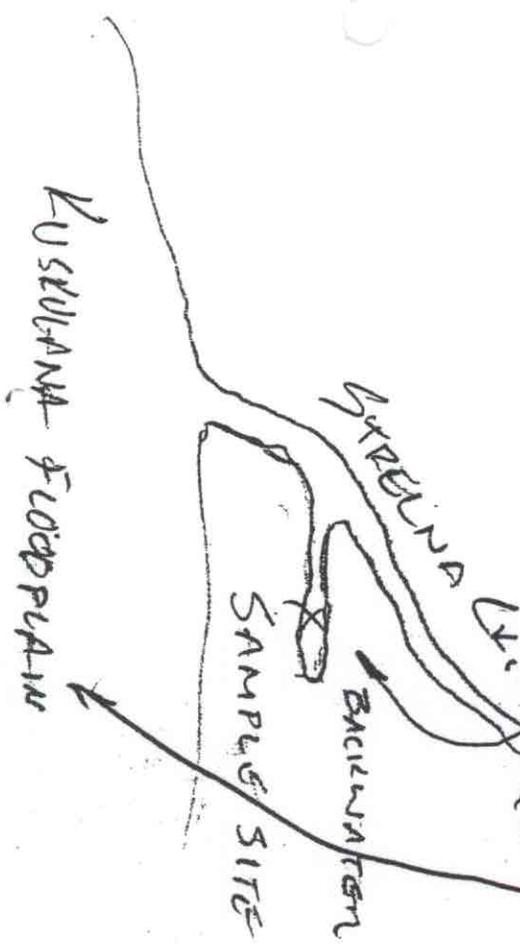
TEMP: AIR _____ WATER 43.0 STREAM GRADIENT: _____ %

WATER CLARITY: _____ SUBSTRATE COMPOSITION (%): _____ STREAM DIMENSIONS (ft): _____

CLEAR _____ MUD 50 WIDTH _____
 STAINED _____ SAND 25 DEPTH, LEFT BANK _____
 TURBID _____ GRAVEL 25 DEPTH, RIGHT BANK _____
 MUDDY _____ COBBLE _____ DEPTH, MID-CHANNEL _____

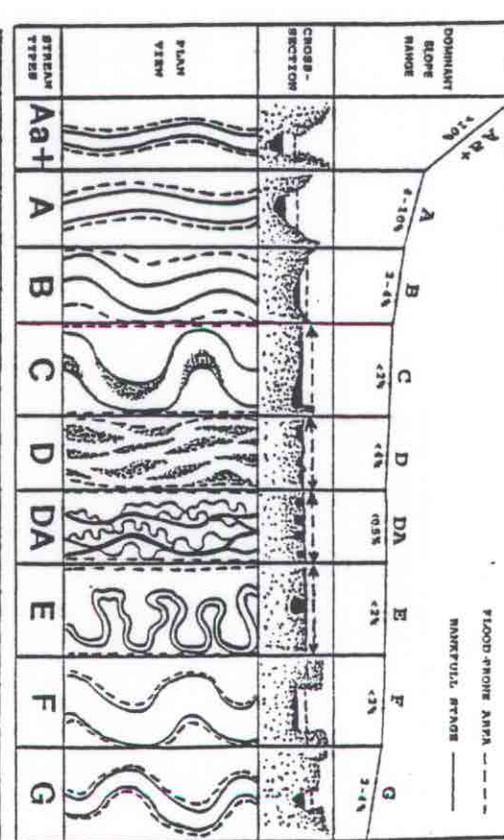
MURKY _____ BLD/RB/ROCK _____ VELOCITY: _____
 _____ 100% _____ Name _____ Slow _____ Medium _____ East _____
 _____ 0 _____ 0-1 _____ 1-3 _____ 3+

CHANNEL DIAGRAM INCLUDE BANK & STREAM FEATURES, VEGETATION:



ROLL NO. II FRAME NOS. 1-3
 Roll I, frames 28, 27 Roll II frames

CIRCLE DOMINANT CHANNEL TYPE:



Channel Number	Channel Type	Channel Width	Channel Depth	Channel Slope	Channel Velocity	Channel Substrate	Channel Bank	Channel Vegetation
1	A	>100	<12	<0.05	<1.0	Sand	Low	None
2	B	3-45	<12	<0.05	<1.0	Sand	Low	None
3	C	<25	<12	<0.05	<1.0	Sand	Low	None
4	D	<25	<12	<0.05	<1.0	Sand	Low	None
5	DA	<25	<12	<0.05	<1.0	Sand	Low	None
6	E	<25	<12	<0.05	<1.0	Sand	Low	None
7	F	<25	<12	<0.05	<1.0	Sand	Low	None
8	G	<25	<12	<0.05	<1.0	Sand	Low	None

FISH SAMPLING GEAR: _____ TIME: 8:5 AREA: 1041 EFFIC: 90 %
 CONDUCTIVITY: 65 μ mhos 5E @ 500 K 13

CO	4	5	3	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO																			
K																			
S																			
P																			
CH																			
DV																			

WILDLIFE OBSERVATIONS:

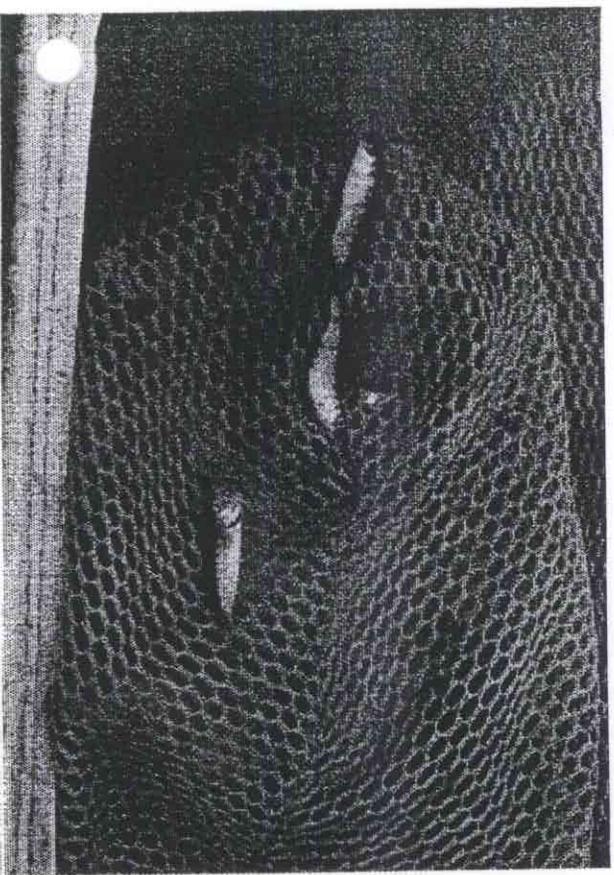


Figure 1. Young of year coho salmon collected in off-channel habitat shown in Figure 4.

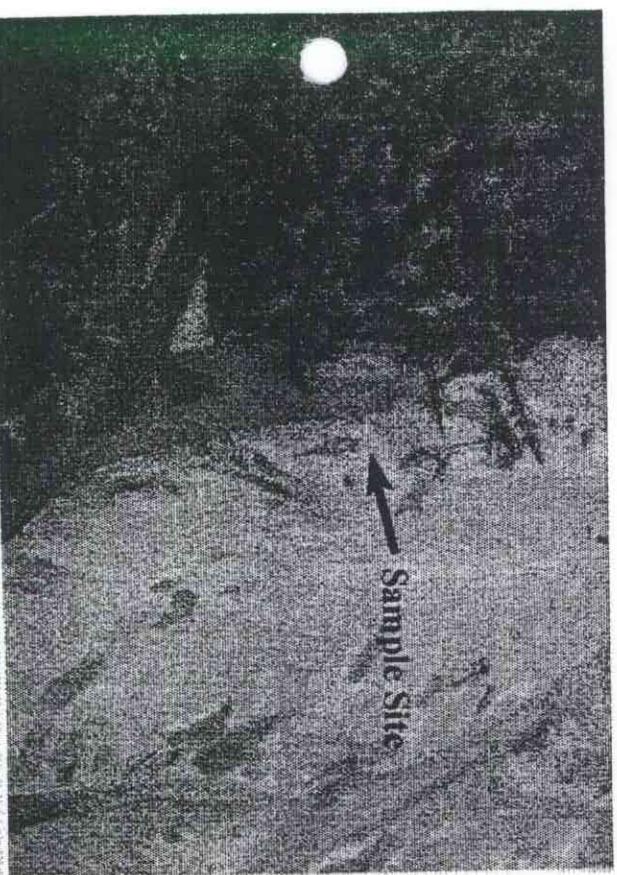


Figure 3. Off-channel sample site at mouth of Strelina Creek.

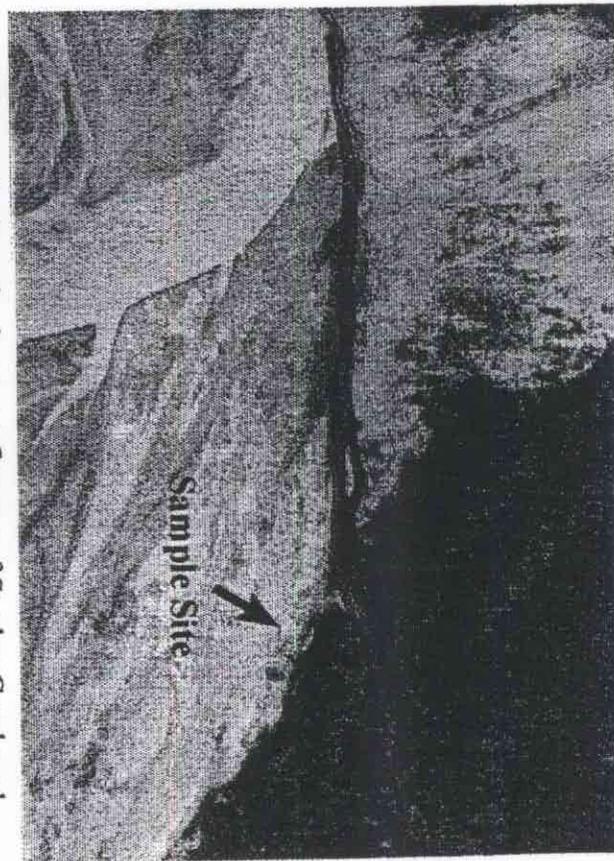


Figure 2. Sample site at confluence of Strelina Creek and Kuskulana River.

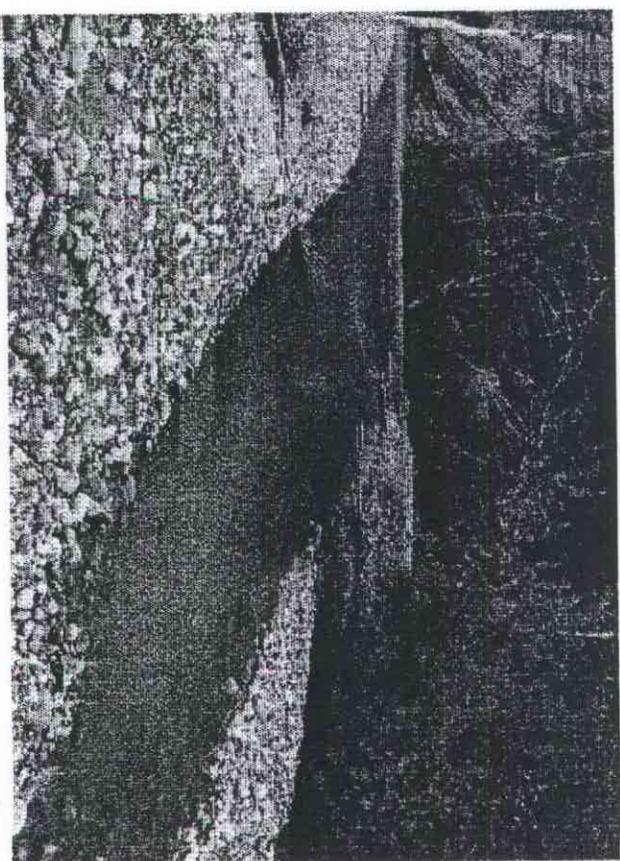


Figure 4. Off-channel sample site at mouth of Strelina Creek.

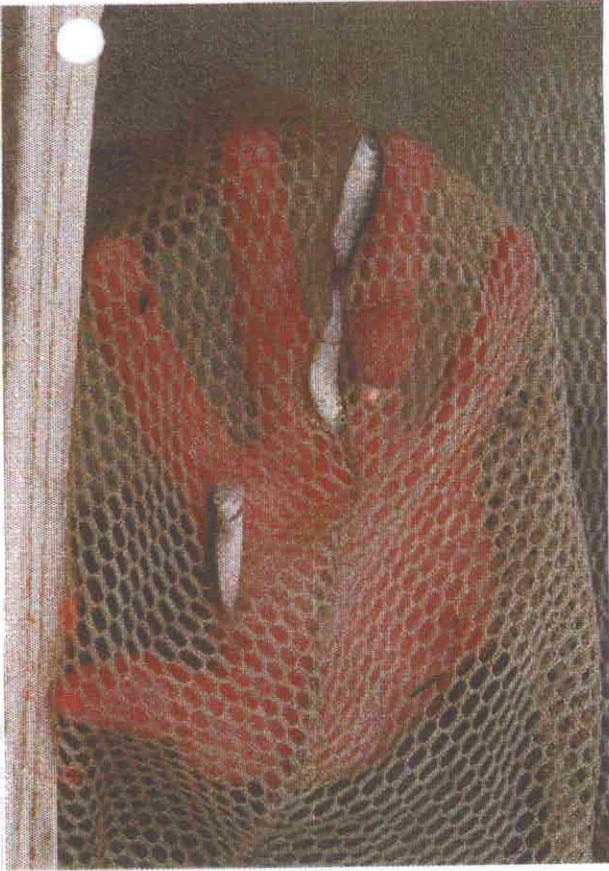


Figure 1. Young of year coho salmon collected in off-channel habitat shown in Figure 4.

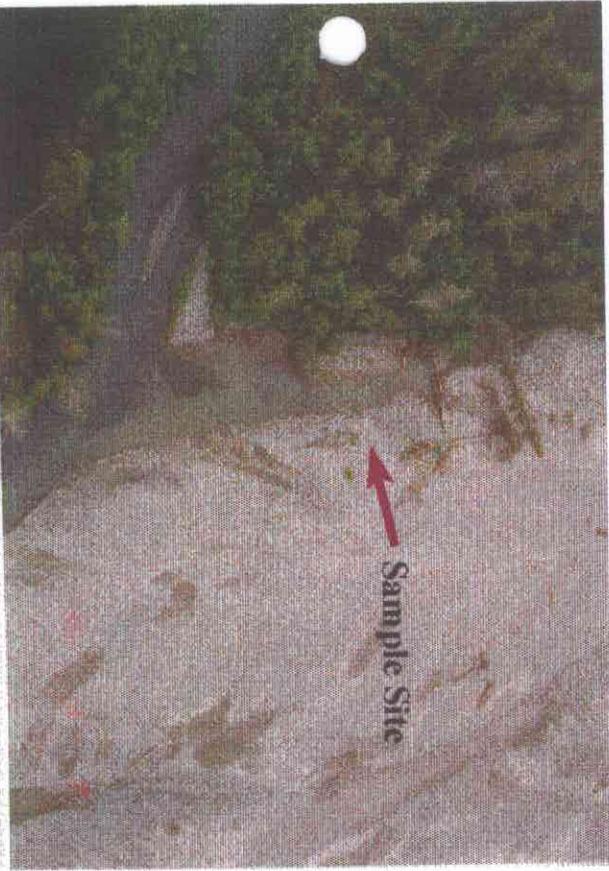


Figure 3. Off-channel sample site at mouth of Strelna Creek.

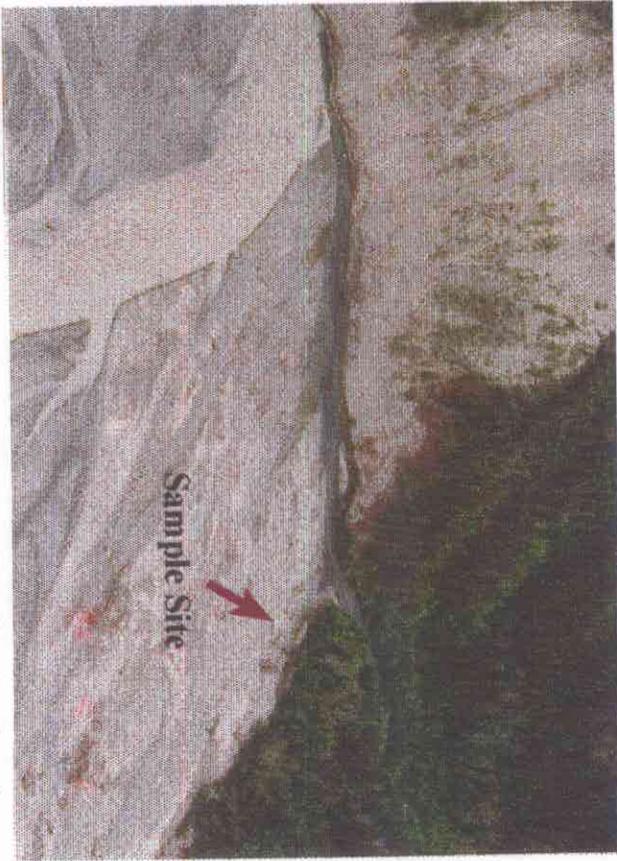


Figure 2. Sample site at confluence of Strelna Creek and Kuskulana River.

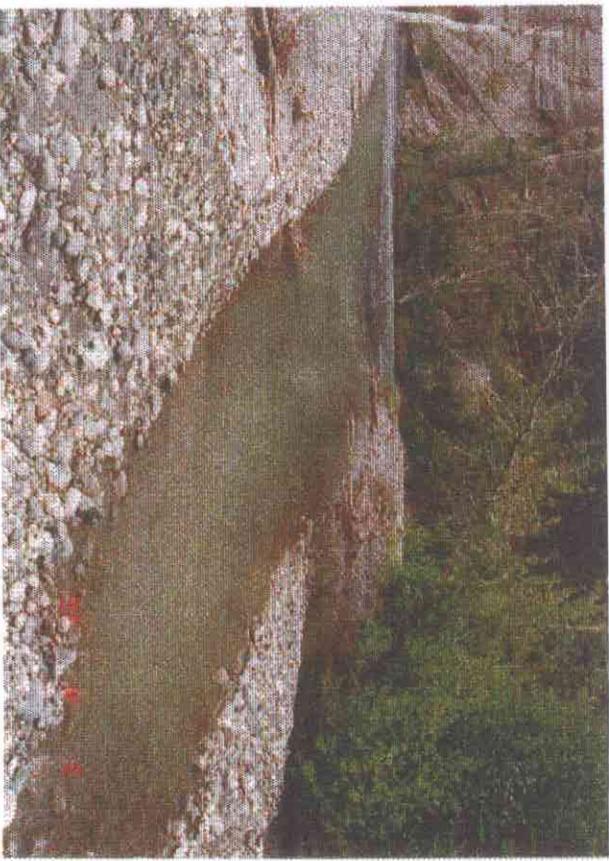


Figure 4. Off-channel sample site at mouth of Strelna Creek.